



☐ AbstractPlus

[BROWSE](#)

[SEARCH](#)

[IEEE XPLORE GUIDE](#)

[View TOC](#)



Access this document



Full Text: [PDF](#) (562 KB)

Download this citation

Choose [Citation & Abstract](#)

Download [ASCII Text](#)

[» Learn More](#)

**Rights and Permissions**

[» Learn More](#)

## Personalized multimedia services using a mobile service

[Yih-Farn Chen](#) [Huale Huang](#) [Jana, R.](#) [John, S.](#) [Jora, S.](#) [Reibman, A.](#) [Bin Wei](#)  
AT&T Labs, Florham Park, NJ;

This paper appears in: [Wireless Communications and Networking Conference, 2002](#)  
[IEEE](#)

Publication Date: Mar 2002

Volume: 2, On page(s): 918- 925 vol.2

ISSN:

ISBN: 0-7803-7376-6

INSPEC Accession Number: 7348783

Digital Object Identifier: 10.1109/WCNC.2002.993394

Posted online: 2002-08-07 00:39:29.0

### Abstract

In this paper we address the research issues in providing personalized multimedia service to a mobile user to remotely record video programs, control cameras, and request the delivery of live video content to his or her own mobile device. We describe a mobile service platform that allows users who send service requests from various mobile devices, transcodes video content to match device profiles, and authorizes the delivery of content from a media server to the proper client device. The media server adapts automatically to the fluctuations of the wireless channel conditions found on the client device. The mobile service platform essentially manages the control path, while the media server handles the actual content delivery. We discuss various aspects of the integration and experiments conducted on wireless LAN and CDPD networks.

### Index Terms

Inspection

#### Controlled Indexing

[client-server systems](#) [computer network management](#) [mobile communication](#)  
[communication](#) [telecommunication control](#) [telecommunication services](#) [telecommunication](#)  
[coding](#) [video on demand](#) [wireless LAN](#)

#### Non-controlled Indexing

[CDPD networks](#) [camera control](#) [client device](#) [content delivery](#) [control path](#)  
[content](#) [media server](#) [mobile service platform](#) [mobile user](#) [personalized multimedia](#)  
[services](#) [pre-recorded video content](#) [service requests](#) [user authentication](#) [video](#)  
[video programs](#) [wireless LAN](#) [wireless channel conditions](#)

### Author Keywords

Not Available

### References

No references available on IEEE Xplore.

### Citing Documents

No citing documents available on IEEEExplore.

[View TOC](#) | [Back to Top](#)



translating delivery mode live message comm

2000

- 2003

Search

Adv  
Sci  
Sci

**Scholar** All articles [Recent articles](#) Results 1 - 10 of about 3,350 for **translating delivery mode live messa**

**All Results**

[Y Chen](#)

[C Mohan](#)

[B Forouzan](#)

[L Moreau](#)

[M Addelee](#)

**Personalized redirection of communication - group of 7 »**

Y Yang, MH Williams - Computer Software and Applications Conference, 2002. COMPSAC ..., 2002 - [ieeexplore.ieee.org](#)

... this case, a file-to-file **mode** may be ... focuses on radio customization and **delivery**, and lacks ... TOPS emphasizes user **preference** management and name **translation**. ... Cited by 1 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Web Services: XML-based system integrated techniques Shien-Chiang Yu, Ruey-Shun Chen The Authors - group of 5 »**

SC Yu - The Electronic Library, 2003 - [emeraldinsight.com](#)

... bandwidth causes delay of **message delivery** and the ... reduce the efficiency through the Internet to **translate messages**. ... will tend to have a service-oriented **mode**. ... Cited by 6 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Experimental encryption of aircraft communications addressing and reporting system (ACARS) ...**

C Risley, J McMath, B Payne - Digital Avionics Systems, 2001. DASC. The 20th Conference, 2001 - [ieeexplore.ieee.org](#)

... Pre Departure Clearance (PDC), Oceanic Clearance **Delivery** (OCD), Waypoint ... 0 ISO-5 character **translation** in ARINC 619 ... or encrypted text depending on the **mode** ... Related Articles - [Web Search](#)

**Tutorial: Application Servers and Associated Technologies - group of 6 »**

C Mohan - 28th International Conference on Very Large Data Bases, Hong ..., 2002 - [almaden.ibm.com](#)

... app **communication**) Legacy data, applications, hardware Legacy data, applications, hardware ... Open **Reference** Implementations ... **Message** Driven Beans (MDB) ... Cited by 20 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Personalized multimedia services using a mobile service platform - group of 7 »**

YF Chen, H Huang, R Jana, S John, S Jora, A ... - Wireless Communications and Networking Conference, 2002. ..., 2002 - [ieeexplore.ieee.org](#)

... on the HTTP protocol for language **translation**, location-aware ... coding, scale of the quantizer, **mode** selections and ... platform and a multimedia **delivery** platform. ... Cited by 13 - [Related Articles](#) - [Web Search](#)

**A learning management model for mixed mode delivery using multiple channels (Internet, intranet, CD- ... - group of 4 »**

CP Zuluaga, EJS Morris - Interact, Integrate, Impact: Proceedings 20th ASCILITE ..., 2003 - [ascilite.org.au](#)

... in the format most suited to that **mode of delivery** ... as possible, but with a view to **translation** from one ... to the reliability of paper-based **delivery**, it provides ... Cited by 2 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Structuring communications to facilitate effective teaching and learning online - group of 4 »**

C Hughes, L Hewson - Computers in the Schools, 2001 - [webteach.com.au](#)

Agents for the Grid: A Comparison with Web Services (Part I: Transport Layer) - group of 14 »

... Such **mode of communication** is only permitted for ... and we have experi- mented with their **translation** into Jini ... As long as the contract remains **live**, the registry ...  
[Cited by 28](#) - [Related Articles](#) - [Web Search](#)

... interprocess **communication** via Network Data **Delivery** Service (NDDS ... of vehicle in attitude hold **mode** while right ... that a small amount of **translation** still takes ...  
Cited by 1 - Related Articles - Web Search

... **Delivery** layer ... Elementary stream provider: **Live** media real-time MPEG-4 encoder ...  
implementation, the data plane uses the simple **mode** of the FlexMux recommendation ...  
Cited by 5 - Related Articles - Web Search - BL Direct

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



message communication management refere

2000

- 2003

Search

Adv  
Sci  
Sci

**Scholar** All articles [Recent articles](#) Results 1 - 10 of about 70,400 for **message communication managem**

**All Results**

[C Wong](#)

[H Jeon](#)

[R Kravets](#)

[M Köhntopp](#)

[S Poslad](#)

**JATLite: a Java agent infrastructure with message routing - group of 8 »**

H Jeon, C Petrie, MR Cutkosky - Internet Computing, IEEE, 2000 - [ieeexplore.ieee.org](#)

... FIPA also defines an Agent **Management** System. ... tem that can relay **messages** to the migrating agent. ... engineering agents using a common **communication** language and ...

[Cited by 96](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**An architecture for a generic dialogue shell - group of 13 »**

J ALLEN, D BYRON, M DZIKOVSKA, G FERGUSON, L ... - Natural Language Engineering, 2001 - CambridgeUnivPress

... The flexibility of our **message**-passing infrastructure supports ... understand- ing and dialogue **management** functions that ... based on KQML **communication** supports a ...

[Cited by 75](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Identity management and its support of multilateral security - group of 4 »**

S Clauß, M Köhntopp - Computer Networks, 2001 - Elsevier

... may be known which member sent the **message**). ... and use of personal data, • **management**

of policies ... defining her wishes and requirements about a **communication**. ...

[Cited by 47](#) - [Related Articles](#) - [Web Search](#)

**[ps] Keystone: A Group Key Management Service - group of 4 »**

CK Wong, SS Lam - International Conference on Telecommunications, ICT, 2000 - [cs.utexas.edu](#)

... a novel key graph technique for scalable group key **management**. ... their keys in case of actual **message** loss. ... services) are based upon a group **communications** model ...

[Cited by 42](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Community Support and Identity Management - group of 5 »**

M Koch, W Wörndl - Proceedings of the European Conference on Computer-Supported ..., 2001 - [in.tum.de](#)

... conceal the path of a **message** through the ... Anonymization in the underlying **communication**

network can be ... the core component of the **identity management** system are ...

[Cited by 41](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Application-driven power management for mobile communication - group of 19 »**

R Kravets, P Krishnan - Wireless Networks, 2000 - Springer

... send, the master sends a SLEEP **message** and enters ... context of **communication**-based

**power management**, we want ... between two different types of **communication** patterns ...

[Cited by 94](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Open standards for interoperating agent-based systems - group of 3 »**

J Dale, E Mamdani - Software Focus, 2001 - [nar.fla.com](#)

... the FIPA Agent **Management** Specification also ... digital assistants through **message** buffering, redirection ... 4.4.4 Agent **Communication Communication** between agents ...

[Cited by 33](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

LT Christensen - European Journal of Marketing, 2001 - emeraldinsight.com  
 ... and practitioners of corporate **communications** typically talk ... beer, claims that "The **Message** is in ... discourse of corporate **identity management** (and sometimes ...  
 Cited by 30 - Related Articles - Web Search - BL Direct

LA Grunig, JE Grunig, DM Dozier - 2002 - books.google.com  
... of the organization than from the **messages** that communicators ... role in the strategic  
**management** of the organi ... We show how **communication** programs for publics such ...  
[Cited by 61](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

HJ Wang, B Raman, C Chuah, R Biswas, R Gummadi, B ... - IEEE Personal Communications, 2000 - research.microsoft.com  
... session state through these update **messages** (with some ... The use of the shared group **communication** channel, com ... protocol for call state **management**, maps perfectly ...  
Cited by 125 - Related Articles - View as HTML - Web Search - BL Direct

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

message communication managem Search

©2006 Google